

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|---|------------------|---------|---------------------|
|       |         | (S3 with exhaust) same S8  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/05/15<br>14:14 |
|       |         | S8 same S5   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/05/15<br>14:14 |
| L2    | 2202252 | blower or fan or pump or impeller  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/08/20<br>12:43 |
| L3    | 120949  | L2 with exhaust  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/08/20<br>12:43 |
| L4    | 12859   | 431/2,5,10,115,116,162-<br>190;110/263,264,265,347,203,204,205,206,207,261,345,348.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/08/20<br>12:43 |
| L5    | 664     | L3 and L4  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/08/20<br>12:43 |
| L6    | 858     | ((blower or fan or pump or impeller) with exhaust) same nox                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/08/20<br>12:43 |

|    |         |   |   |    |    |                     |
|----|---------|---|---|----|----|---------------------|
| L7 | 21      | L5 and L6   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/08/20<br>12:43 |
| L8 | 21      | L7  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/08/20<br>12:43 |
| L9 | 131     | ("1310173"   "3215099"   "3261333"   "3421462"   "3743471"   "3748081"  <br>"3781162"   "3788796"   "3920377"   "3938449"   "3955909"   "3984196"  <br>"4013399"   "4050877"   "4095935"   "4147116"   "4223615"   "4336469"  <br>"4359950"   "4403941"   "4416418"   "4422389"   "4442783"   "4501204"  <br>"4538529"   "4589353"   "4624192"   "4628833"   "4646661"   "4651653"  <br>"4655148"   "4672900"   "4748919"   "4779545"   "4807541"   "4815418"  <br>"4838185"   "4907962"   "4913068"   "4915619"   "5007354"   "5020456"  <br>"5105747"   "5107776"   "5121700"   "5199357"   "5231937"   "5237963"  <br>"5343820"   "5441000"   "5450803"   "5478440"   "5601425"   "5626085"  <br>"5709173"   "5715763"   "5724895"   "5771817").PN. OR ("2006/0115780"  <br>"4135874"   "4545307"   "5231937"   "5307746"   "5727480"   "6186080").URPN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2010/08/20<br>13:22 |
| S1 | 24      | ("20020064742"   "20030099913"   "20060090677"   "20060115779"   "4545307"  <br>"5231937"   "5662464"   "5727480"   "5915310"   "6145454"   "6280695"  <br>"6357367").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>08:07 |
| S2 | 1       | 10/538524   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>08:10 |
| S3 | 1988224 | blower or fan or pump or impeller   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>08:12 |
| S4 | 8       | S1 and S3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>08:12 |

|     |        |  |   |    |    |                     |
|-----|--------|--|---|----|----|---------------------|
| S5  | 109230 | S3 with exhaust  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>08:16 |
| S6  | 1      | S4 and S5  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>08:16 |
| S7  | 12578  | 431/2,5,10,115,116,162-<br>190;110/263,264,265,347,203,204,205,206,207,261,345,348.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>08:27 |
| S8  | 630    | S5 and S7  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>11:41 |
| S9  | 55291  | nox  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>14:13 |
| S10 | 753    | ((blower or fan or pump or impeller) with exhaust) same nox                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>14:14 |
| S11 | 20     | S8 and S10   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>14:15 |
| S12 | 12681  | 431/2,5,10,115,116,162-<br>190;110/263,264,265,347,203,204,205,206,207,261,345,348.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/30<br>15:26 |

|     |       |  |   |    |    |                     |
|-----|-------|--|---|----|----|---------------------|
| S13 | 12759 | 431/2,5,10,115,116,162-190;110/263,264,265,347,203,204,205,206,207,261,345,348.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/05<br>19:37 |
| S14 | 1286  | "air injection port"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/07<br>12:10 |
| S15 | 1     | 10/538524  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/07<br>12:10 |
| S16 | 1     | S15 and S14  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/07<br>12:10 |
| S17 | 1     | "inhibiting gas injection port"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/07<br>12:10 |
| S18 | 1     | S15 and S17  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/07<br>12:10 |
| S19 | 1     | S16 and S18  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/07<br>12:11 |
| S20 | 12853 | 431/2,5,10,115,116,162-190;110/263,264,265,347,203,204,205,206,207,261,345,348.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/08/18<br>16:50 |

## EAST Search History (Interference)

| Ref # | Hits   | Search Query   | DBs                   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|-----------------------|------------------|---------|------------------|
| L10   | 21785  | (burner).clm.  | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 13:24 |
| L11   | 627733 | (air or oxidant or oxygen).clm.                        | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 13:24 |
| L12   | 665880 | (mix\$6).clm.  | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 13:25 |
| L13   | 29102  | (air near3 (port or nozzle)).clm.                      | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 13:25 |
| L14   | 767    | 10 and 11 and 12 and 13                                | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 13:25 |
| L15   | 10237  | (flow near3 rate near3 (regulat\$4 or adjust\$6)).clm. | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 13:26 |
| L16   | 20     | 14 and 15  | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 13:26 |
| L17   | 6826   | ("nitrogen oxide" or (inhibit\$3 near3 gas)).clm.      | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 15:25 |
| L18   | 26     | 14 and 17  | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 15:25 |
| L19   | 25     | 18 not 16  | US-PGPUB; USPAT; UPAD | OR               | ON      | 2010/08/20 15:25 |

8/ 20/ 10 3:40:35 PM

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